

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	(semiconductor or ic or die or chip or (integrated adj circuit) or (electronic adj device)) and (space adj charge) and (free adj charge) and center and (conduction adj band) and (valence adj band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:15
L2	9	L1 and (@rlad<="20040127" @ad<="20040127" @pd<="20040127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:15
L3	14	"257"/\$6.CCLS. AND (((trap trapping trapped) with (free near2 carriers)) with centers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:15
L4	12	L3 and (@rlad<="20040127" @ad<="20040127" @pd<="20040127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:15
L5	79	"257"/\$6.CCLS. AND (k near2 center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:15
L6	49	L5 and (@rlad<="20040127" @ad<="20040127" @pd<="20040127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:15
L7	69	L2 L4 L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:15

L8	0	7 and @pd>= "20090701"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:16
L9	499	257/607.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:39
L10	70	257/608.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:39
L11	166	257/610.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:39
L12	142	257/612.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:39
L13	0	257/6494.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:39
L14	222	257/494.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:39
L15	47	257/e29.008.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:39
L16	1076	9 10 11 12 14 15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:39

L17	972	16 and (@rlad<="20040127" @ad<="20040127" @pd<="20040127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:39
L18	370	17 and depth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:40
L19	0	18 and (voltage adj (takeup or (take adj up) (takingup) (taking adj up)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:41
L20	34	18 and (reverse adj biased)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:42
L21	34	20 not 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:42
L22	0	((reverse adj biased) and electrode and (flooding) and (free adj charge) and (pn adj junction) and (depth) and (voltage adj (takeup or (take adj up) (takingup) (taking adj up)))) .clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 17:46
S1	1	("4752818").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/27 21:58
S2	0	257/%6.CCLS. AND (pn) and (reverse adj (biase or biases or biased)) and (space adj charge) and flooding	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 22:06
S3	0	257/%6.CCLS. AND (pn) and (reverse adj (biase or biases or biased)) and (space adj charge) and flooding	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/27 22:06

S4	0	257/%6.CCLS. and (reverse adj (biase or biases or biased)) and (space adj charge) and flooding	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/27 22:07
S5	0	257/%6.CCLS. and (reverse adj (biase or biases or biased)) and (space adj charge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/27 22:07
S6	0	257/%6.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/27 22:07
S7	6	"257"/\$6.CCLS. AND (pn) and (reverse adj (biase or biases or biased)) and (space adj charge) and flooding	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 22:07
S8	6	"257"/\$6.CCLS. AND (pn) and (reverse adj (biase or biases or biased)) and (space adj charge) and flooding	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/27 22:07
S9	267	"257"/\$6.CCLS. AND (pn) and (reverse adj (biase or biases or biased)) and (space adj charge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/27 22:07
S10	2	"257"/\$6.CCLS. AND (pn) and (reverse adj (biase or biases or biased)) and (space adj charge) and (voltage adj taking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/27 22:08
S11	10	(semiconductor or ic or die or chip or (integrated adj circuit) or (electronic adj device)) and (space adj charge) and (free adj charge) and center and (conduction adj band) and (valence adj band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/01 00:16

S12	14	(semiconductor or ic or die or chip or (integrated adj circuit) or (electronic adj device)) and (space adj charge) and (free adj charge) and center and (conduction adj band) and (valence adj band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 00:16
S13	9	S12 and (@rlad<="20040127" @ad<="20040127" @pd<="20040127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 00:18
S14	386	"257"/\$6.CCLS. AND (((trap trapping trapped) with carriers) same centers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 00:23
S15	294	"257"/\$6.CCLS. AND (((trap trapping trapped) with carriers) with centers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 00:23
S16	263	S15 and (@rlad<="20040127" @ad<="20040127" @pd<="20040127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 00:23
S17	14	"257"/\$6.CCLS. AND (((trap trapping trapped) with (free near2 carriers)) with centers)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 00:24
S18	12	S17 and (@rlad<="20040127" @ad<="20040127" @pd<="20040127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 00:24
S19	76	"257"/\$6.CCLS. AND (k near2 center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 01:19

S20	49	S19 and (@rlad<="20040127" @ad<="20040127" @pd<="20040127")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 01:19
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